Signature

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

EL830948020US

UTILITY PATENT APPLICATION

Please type a plus sign (+) inside this box -+ +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 0155.00030 First Inventor Jeffrey J. Lace Title SENSOR ASSEMBLY FOR STRINGED MUSICAL INSTRUMENTS

TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS Assistant Commissioner for Patents ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, D.C. 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table of 7. (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submissi See 37 CFR 1.27. (if applicable, all necessary) Computer Readable Form (CRF) a. [Total Pages Specification 25 (preferred arrangement set forth below) Specification Sequence Listing on: - Descriptive title of the invention CD-ROM or CD-R (2 copies); - Cross Reference to Related Applications Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Description of the Drawings (if filed) - Detailed Description 9. Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement - Abstract of the Disclosure 10. Power of Attorney (when there is an assignee) English Translation Document (if applicable) 11. Drawing(s) (35 U.S.C. 113) Information Disclosure Copies of IDS 12. Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration |Total Pages **Preliminary Amendment** 13. Newly executed (original or copy) a. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Copy from a prior application (37 CFR 1.63(d)) b. Certified Copy of Priority Document(s) (for continuation/divisional with Box 18 completed) 15. (if foreign priority is claimed) **DELETION OF INVENTOR(S)** Request and Certification under 35 U.S.C. 122 i. 16. (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Signed statement attached deleting inventor(s) or its equivalent. named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). return postcard 17. Other: Application Data Sheet. See 37 CFR 1.76 6. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Continuation Divisional Prior application information: Examiner Group / Art Unit For CONTINUATION OR DIVISIONAL APPS only: The entire disciosure of the prior application, from which an oath or deciaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below (Insert Customer No. or Attach bar code label here) Daniel H. Bliss Name Bliss McGlynn & Nolan, P.C. 2075 West Big Beaver Road Address Suite 600 Zip Code City State Michigan 48084 Troy 248-649-6090 Country 248-649-6299 U.S.A Telephone Fax Name (Print/Type) Registration No. (Attorney/Agent) Daniel H. Bliss 32,398

Express Mail Label No.

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Date

January 17, 2002

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Signature

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\$370.00

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Jeffrey J. Lace			
Examiner Name				
Group Art Unit		_		
Attorney Docket No.	0155.00030			

January 17, 2002

Date

METHOD OF PAYMENT		FEE CALCULATION (continued)					
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:		3. ADDITIONAL FEES					
indicated fees and credit any overpayments to: Deposit		ntity Fee	Small Fee	Entity Fee	Par Danadishi s		
Account Number 02-2712	Fee Code	(\$)	Code	(\$)	•	Fee Paid	
Deposit	105	130			Surcharge - late filing fee or oath		
Account Name Bliss McGlynn & Nolan, P.C.	127	50	227	25	Surcharge - late provisional filing fee or cover sheet		
Charge Any Additional Fee Required	139	130	139	130	Non - English specification		
Under 37 CFR §§ 1.16 and 1.17		2,520	147		For filing a request for ex parte reexamination		
Applicant claims small entity status. See 37 CFR § 1.27	112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
2. X Payment Enclosed:	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
Check Credit card Money Order Other	115	110	215	55	Extension for reply within first month		
FEE CALCULATION	116	400	216	200	Extension for reply within second month		
1. BASIC FILING FEE	117	920	217	460	Extension for reply within third month		
Large Entity Small Entity	118	1,440	218	720	Extension for reply within fourth month		
*Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	128	1,960	228				
101 740 201 370 Utility filing fee 370.00	119	320	219		Notice of Appeal		
196 330 206 165 Design filing fee	120	320	220	160	Filing a brief in support of an appeal		
107 510 207 255 Plant filing fee	121	280	221	140	Request for oral hearing		
108 740 208 370 Reissue filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding		
114 160 214 80 Provisional filing fee	140	110	240	55	Petition to revive - unavoidable		
SUBTOTAL (1) \$370.00	141	1,280	241	640	Petition to revive - unintentional		
		1,280	242	640	Utility issue fee (or reissue)		
2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Pald Total Claims 19 -20** = 0 X = 0.00 Independent 3 -3** = 0 X = 0.00		460	243	230	Design issue fee		
		620	244	310	Plant issue fee		
		130	122	130	Petitions to the Commissioner		
Independent 3 - 3** = 0 X = 0.00 Claims Multiple Dependent = =	123	50	123	50	Processing fee under 37 CFR § 1.17(q)		
Large Entity Small Entity	126	180	126	180	Submission of Information Disclosure Statement		
Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)		
103 18 203 9 Claims in excess of 20	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid	149	740	249	370	For each additional invention to be examined		
109 84 209 42 ** Reissue independent claims	179	740	279	370	(37 CFR § 1.129(b)) Request for Continued Examination (RCE)		
over original patent	169	900			Request for expedited examination		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent			specify)		of a design application		
SUBTOTAL (2) \$0.00			чр - ,,				
CURTOTAL (2)							
**or number previously paid, if greater, For Reissues, see above *Reduced by Basic Filing Fee Paid *SUBTOTAL (3)							
SUBMITTED BY Complete (if applicable)							
Name (Print/Type) Daniel H. Bliss Registration No. 32,398 Telephone 248-649-6090							

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(Attorney/Agent)

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* ADMITTED IN PENNSYLVANIA ONLY ** ALSO ADMITTED IN NEW YORK † ALSO ADMITTED IN TENNESSEE

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GERALD E. McGLYNN, III

ROBERT S. NOLAN **

Date: January 17, 2002

U.S. Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Sir:

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And the

EXPRESS MAILING CERTIFICATE

Applicant(s): Jeffrey J. Lace

Serial No. (if any):

For: SENSOR ASSEMBLY FOR STRINGED MUSICAL INSTRUMENTS

Docket No.: 0155.00030

Attorney: Daniel H. Bliss

"Express Mail" Mailing Label Number EL830948020US

Date of Deposit January 17, 2002

I hereby certify that the accompanying: <u>Utility Patent Application Transmittal</u>, Fee Transmittal, <u>Patent Application</u>, five (5) sheets of informal drawings, <u>Declaration and Power of Attorney</u> (unexecuted), Nonpublication Request, and check in the amount of \$370.00, return postcard.

is (are) being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is (are) addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, Virginia 22202.

Daniel H. Bliss

Signature for Person Mailing Document(s)

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U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Jeffrey J. Lace

SENSOR ASSEMBLY FOR STRINGED

MUSICAL INSTRUMENTS

Atty Docket Number 0155.00030

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 17, 2002

Date

Signature

Daniel H. Bliss

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.